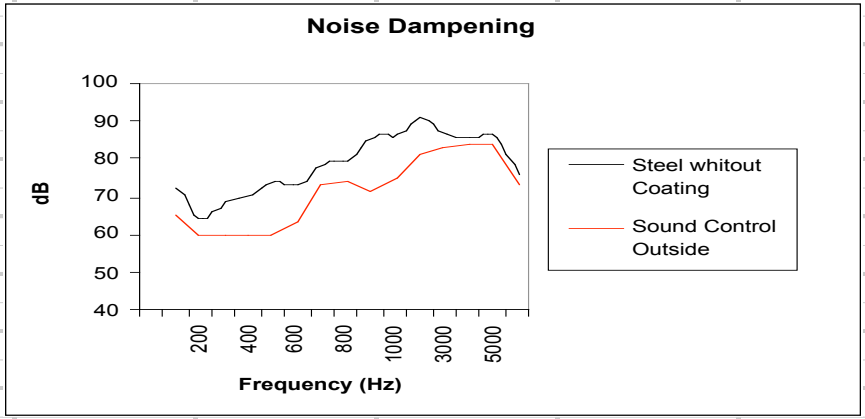
Results of Noise Reduction

Sound Control Acoustical Performance

Frequency	Steel whitout Coating	Sound Control Outside	Difference in dB
100	73	65	8
200	64,5	60,2	4,3
300	69	60	9
400	71	60	11
500	74,2	60	14,2
600	74	63	11
700	79,2	73	6,2
800	79,9	74	5,9
900	86,2	71,6	14,6
1000	86,8	75	11,8
2000	91,2	81	10,2
3000	87	82,9	4,1
4000	85,8	83,6	2,2
5000	86,2	84	2,2
6000	76,6	73	3,6



Total Coat Sound Control provides up to 14,6 dB in noise reduction in only 1 coat @ 1 mm in thickness.

Loss Factor of Sound Control

Loss Factor @ Temperature
(Using ASTM method E756@ 200 Hz):

0.109 @ +50ºF
0.176 @ +61ºF
0.267 @ +70ºF
0.390 @ +80ºF
0.559 @ +91ºF
0.676 @ +100ºF
0.708 @ +107ºF
0.706 @ +110ºF
0.628 @ +21ºF
0.529 @ +130ºF
0.443 @ +140ºF
0.364 @ +151ºF

See fig. on pag. 3

Sound Control

Loss Factor vs. Temp